en

SUUNTO ELEMENTUM AQUA

USER GUIDE

A
B
DIVE
AM PM
TIME
FT
M
MAX
DEPTH
FT
M
SUUNTO
0 °C
32 °F
10
20
30
40
50
60
70
80
90
100

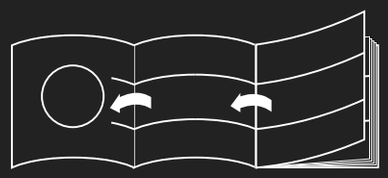
SETTINGS

MEMORY

DIVE

TIME

Functions:
_Time, date, alarm
_Backlight
_Auto dive mode
_Depth, max. depth
_Dive time
_Surface time
_Water temperature
_Number of dives
_Log: last 14 dives



GETTING STARTED

Thank you for choosing Suunto Elementum Aqua, a digital sports watch for diving. To get started:

1. Press any button to activate the watch.
2. Keep [A] pressed to enter **SETTINGS**. The active setting blinks on the display.
3. Rotate [A] to change the value.
4. Press [A] to accept the change and move to the next setting.

After changing the settings, you will return to **TIME** mode.

Be sure to register your watch at www.suunto.com/register to get the full range of Suunto support. Also visit www.suunto.com/support to get the complete user guide and additional information.

SETTINGS

1. In **TIME** mode, keep [A] pressed to enter/exit **SETTINGS**.
2. Rotate [A] to change the values.
3. Press [A] to accept the change and to move to the next setting.
4. Press [B] or keep [A] pressed to exit.

BACKLIGHT

Keep [B] pressed to activate the backlight in **TIME** mode and press [B] to activate backlight in **DIVE** mode.

TIME/DIVE

- Press [B] to toggle between **TIME/DIVE** mode.
- Suunto Elementum Aqua switches automatically to **DIVE** mode when it is in contact with water and reaches a depth more than 0.6 m. In **DIVE** mode, Suunto Elementum Aqua starts recording your dive time when it reaches a depth more than 1.2 m.
- When surfacing, Suunto Elementum Aqua saves dive information into memory and starts showing surface time.

MEMORY

1. In **TIME** mode, rotate [A] to enter **MEMORY**.
2. Rotate [A] upwards/downwards to browse the dive logs.
3. Press [A] to switch between the first and second view of the dive log.
4. Press [B] to exit.

BUTTON LOCK

Press [A] and [B] at the same time in any mode to activate/open the button lock.

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1 SAFETY PRECAUTIONS

WARNING: *- is used in connection with a procedure or situation that may result in serious injury or death.*

CAUTION: *- is used in connection with a procedure or situation that will result in damage to the product.*

NOTE: *- is used to emphasize important information.*

TIP: *- is used to give additional information or an alternative way of performing a task.*

Before you go on to read the manual itself, it is extremely important that you read the following warnings. These warnings are intended to maximize your safety while using Suunto Elementum Aqua and must not be ignored.

WARNING: *Read this manual. Carefully read this instruction manual in its entirety paying close attention to all warnings listed here. Make sure that you fully understand the use, displays, and limitations of the instrument because any confusion resulting from neglecting to follow this instruction manual or from improper use of this device may cause a diver to commit errors that may lead to serious injury or death.*

WARNING: *Suunto also recommends you to be trained in free diving technique and physiology before conducting breath holding dives. No diving instrument can*

replace the need for proper diving training. Insufficient or improper training may cause diver to commit errors that may lead to serious injury or death.

⚠ ***WARNING:*** *Use back-up instruments. Make sure that you use back-up instrumentation including a depth gauge, submersible pressure gauge, timer or watch, and have access to decompression tables whenever diving with a bottom timer.*

⚠ ***WARNING:*** *Perform pre-checks. Always activate and check the device before diving in order to ensure that all Liquid Crystal Display (LCD) segments are completely displayed and that the device has not run out of battery power.*

⚠ ***WARNING:*** *This device alone is not sufficient for scuba diving but can be used as bottom timer. Use additional scuba diving equipment, diving computer, and back-up instruments.*

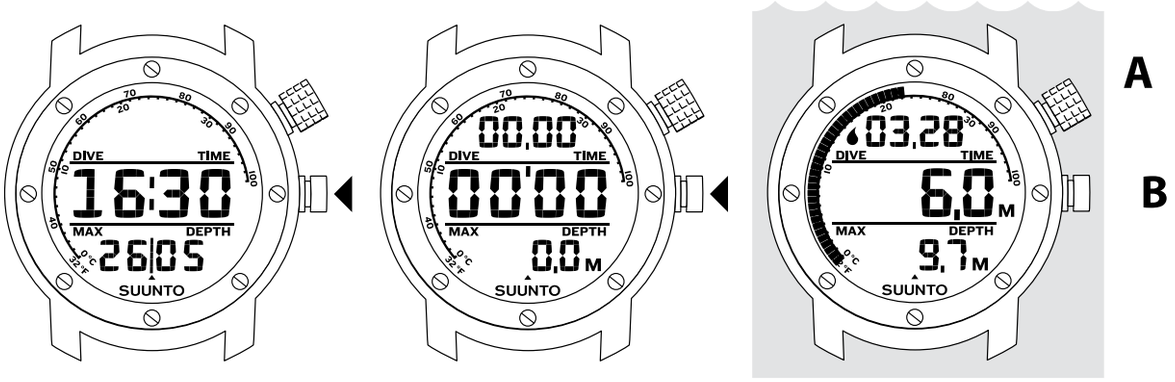
⚠ ***WARNING:*** *Free diving after scuba diving is not recommended. It is recommended to avoid free diving for at least two hours and not to exceed five meters [16 ft] after scuba diving depending on your diving activity.*

⚠ ***WARNING:*** *This device contains a Lithium cell battery. To reduce the risk of fire or burns, do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Do not change the batteries yourself but contact a trained retailer or a watch store to get the batteries replaced. Recycle or dispose of used batteries properly.*

2 GETTING STARTED

There are two modes in Suunto Elementum Aqua: **TIME** and **DIVE** mode.

In **TIME** mode the watch functions as a normal watch. **DIVE** mode includes diving related functions. Switch between **TIME** and **DIVE** mode by pressing [B]. The device switches automatically to **DIVE** mode when in contact with water.



Change the settings of your Suunto Elementum Aqua in **SETTINGS**. View your diving logs in **MEMORY**.

2.1 Changing general settings

To change the general settings:

1. In **TIME** mode, keep [A] pressed to enter **SETTINGS**. The active setting is blinking on the display.
2. Rotate [A] to change the value.
3. Press [A] to accept the change and to move to the next setting.
4. After changing the settings you will return to **TIME** mode.

TIP: *You can exit* ***SETTINGS*** *at any time by keeping [A] pressed or by pressing [B].*

You can change the following general settings on your Suunto Elementum Aqua:

- alarm: on/off
- alarm time: hours and minutes
- time format: 12h/24h
- time: hours, minutes, and seconds
- date format: d/m or m/d
- date: year, month, day
- depth format: m/ft

2.2 Using alarm

Set the alarm on/off and the alarm time in **SETTINGS**. When the alarm is on, is shown on the display.

When the alarm goes off, press any button to turn it off. The alarm goes off the same time the following day.

2.3 Using button lock

The button lock can be activated in both modes.

To activate the button lock:

1. Press [A] and [B] at the same time. When the button lock is activated, only the backlight works.
2. To open the button lock, press [A] and [B] at the same time.

2.4 Activating backlight

The backlight can be activated in both modes. Keep [B] pressed to activate the backlight. In **DIVE** mode you can activate the backlight by pressing [A] or [B] once. The backlight stays activated for 5 s.

NOTE: *If you want to use the backlight in* ***MEMORY*** *or* ***SETTINGS****, activate it before entering them.*

NOTE: *Heavy use of the backlight significantly reduces battery life.*

3 DIVING WITH SUUNTO ELEMENTUM AQUA

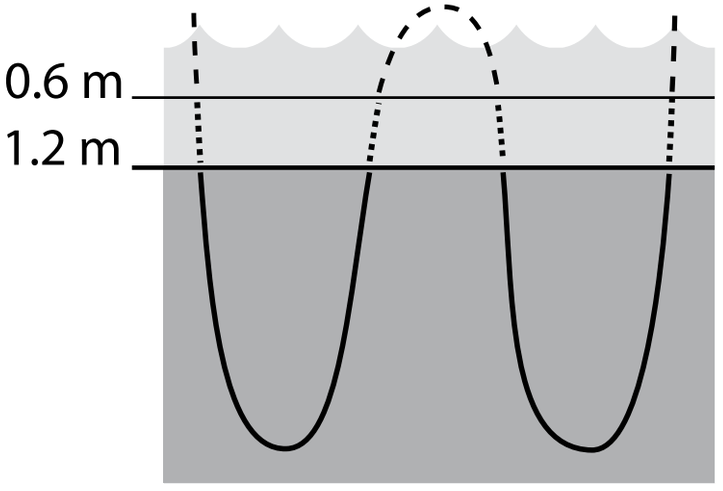
3.1 Before diving

Before diving, check that:

- time and date are correctly set (if you have been traveling between different time zones).
- the battery level is not too low (see *Section 4.1 Battery replacement*).
- the device displays the correct units of measurement (metric/imperial).

3.2 Starting a dive

Suunto Elementum Aqua switches into **DIVE** mode when it is in contact with water and reaches depth more than 0.6 m. The symbol on the display indicates water contact. After you reach depth more than 1.2 m, Suunto Elementum Aqua automatically starts recording your dive time.



3.3 During diving

During diving (depth more than 1.2 m), the following information is displayed:

- dive time (first row)
- current depth (second row)
- maximum depth of the dive (bottom row)
- water temperature (outer rim)

3.4 Between dives

When you reach depth less than 1.2 m, the device saves the dive information (log) into **MEMORY** and starts to count surface time.

In **DIVE** mode after the surface time counter has started, the following information is displayed:

- dive time of the last dive (first row)
- current depth when your depth is between 1.2 m - 0.3 m OR surface time when your depth is 0.3 m or less (second row)
- maximum depth of the last dive (bottom row)

Surface time is the time spent on surface between dives. Based on the time you have been on the surface, you can calculate how long you have to wait to safely dive again (until nitrogen has left your body).

NOTE: *The minimum time for a dive log is 15 s: shorter logs are not saved. When* ***MEMORY*** *is full, a new log replaces the oldest log.*

NOTE: *The maximum surface time shown in the counter is 48 hours. After that, the counter is reset in addition to the dive time and max. depth of your last dive. The surface time is not saved into the memory of the device.*

3.5 Viewing diving logs

To view your diving logs:

1. In **TIME** mode, rotate [A] to enter **MEMORY**. The latest diving log is shown first.
2. Rotate [A] downwards to browse the logs from latest to oldest. Rotate [A] upwards to browse the logs from oldest to latest.
3. Press [B] to exit **MEMORY**.

The information on your diving logs is stored into **MEMORY**. Each log has its own memory slot that is shown as a segment on the outer rim on the display. The log information is divided into two views.

In the first view (picture 2), the following information is shown:

- number of the dive of the day (first row)
- start time of the dive (second row)
- start date of the dive (bottom row)

The second view (picture 3) shows the following information:

- dive time (first row)
- maximum depth (bottom row)

NOTE: ***MEMORY*** *stores up to 14 logs. After* ***MEMORY*** *is full, each new log replaces the oldest log.*

4 CARE AND MAINTENANCE

Handle the unit with care – do not knock or drop it.

Under normal circumstances, the unit will not require servicing. After use, rinse it with fresh water, mild soap and carefully clean the housing with a moist soft cloth or chamois.

If you need to adjust the metal bracelet length or replace the strap/bracelet, contact your nearest watch store to get the needed adjustments correctly done for you.

NOTE: *Do not use detergents or solvents of any kind as they might cause damage to the unit.*

Do not try to repair the unit yourself. Contact an authorized Suunto service, distributor, or retailer for any repairs.

Suunto Elementum Aqua is tested according to the ISO standard 6425. This means that the product is water-resistant to 200 m. Rain, showering, swimming, diving and other normal exposure to water will not affect its operation. The buttons can be pressed while submerged.

4.1 Battery replacement

If is displayed, or if the display is faded or weak, a battery replacement is recommended.

NOTE: *Do not attempt to replace the battery yourself. Contact your local watch store to get the battery replaced.*

5 SPECIFICATIONS

5.1 Technical specifications

General

- Operating temperature: -10 °C to +60 °C / -2°F to +140°F
- Storage temperature: -30 °C to +60 °C / -22°F to +140°F
- Water resistance: 200 m / 600 ft (ISO 6425)
- Scratch-resistant sapphire crystal
- Battery type: CR 2032
- Battery life: approximately 1 year in normal use
- Recommended service interval for accuracy check: 2 years or 200 dives whichever comes first

Depth meter

- Operating temperature: 0°C to 40°C / 32°F to 104°F
- Max. depth of operation: 80 m / 262 ft
- Depth display range: 0 to 80 m / 0 to 262 ft
- Dive time counting start and stop depth: 1.2 m / 4 ft
- Accuracy:+/-1.5% of full scale or better from 0 to 80 m / 0 to 262 ft
- Resolution: 0.1 m / 0.3 ft
- Max. dive time: 99 h 59 min
- Max. memory log count: 14

Thermometer

- Display range: 0°C to 40°C / 32°F to 104°F
- Resolution: 1°C / 1°F

5.2 Trademark

Suunto Elementum Aqua, its logos, and other Suunto brand trademarks and made names are registered or unregistered trademarks of Suunto Oy. All rights are reserved.

5.3 Copyright

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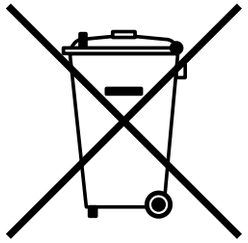
5.4 Patent notice

This product is protected by pending patent applications.

5.5 Disposal of device

Please dispose of the device in an appropriate way, treating it as electronic waste. Do not throw it in the garbage. If you wish, you may return the device to your nearest Suunto representative.



6 WARRANTY

SUUNTO LIMITED WARRANTY FOR WRISTOP COMPUTERS, DIVING COMPUTERS, PRECISION INSTRUMENTS, WATCHES, MARINE COMPASSES AND FIELD COMPASSES

This Limited Warranty is valid as of January 1st, 2008.

Suunto warrants that during the Warranty Period Suunto or a Suunto Authorized Service Center (hereinafter referred to as Service Center) will, at its sole discretion, remedy defects in materials or workmanship free of charge either by a) repairing the Product or the parts, or b) replacing the Product or the parts, or c) refunding the purchase price of the Product, subject to the terms and conditions of this Limited Warranty. Your mandatory legal rights under your applicable national laws relating to the sale of consumer products are not affected by this Limited Warranty.

This Limited Warranty is only valid and enforceable in the country in which you purchased the Product, provided that Suunto has intended the Product for sale in that country. If, however, you purchased the Product in a member state of the European Union, Iceland, Norway, Switzerland, or Turkey, and Suunto originally intended the Product for sale in one of these countries, this Limited Warranty is valid and enforceable in all of these countries. The warranty service may be limited due to the possible country-specific elements in the Products.

In countries outside the European Union, Iceland, Norway, Switzerland, or Turkey, subject to your agreement to pay a service fee and compensation for the possible shipment costs incurred by Suunto or a Service Center, you can have warranty service other than in the country in which you purchased the Product.

Warranty Period

The Warranty Period starts at the date of retail purchase by the original end-user purchaser. The Warranty Period varies depending on the Product you have purchased and are the following:

a. Two (2) years for the wristop computers, diving computers, precision instruments and watches

b. Ten (10) years for the marine compasses

c. Limited lifetime warranty for the field compasses

The Warranty Period for the consumable parts and accessories for all products including but not limited to chargeable batteries, chargers, docking stations, straps, cables, and hoses (whether included in the sales package or sold separately) is one (1) year.

To the extent your national laws permit, the Warranty Period will not be extended or renewed or otherwise affected due to subsequent resale, Suunto authorized repair or replacement of the Product. However, part(s) repaired or replaced during the Warranty Period will be warranted for the remainder of the original Warranty Period or for three (3) months from the date of repair or replacement, whichever is longer.

Exclusions and Limitations

This Limited Warranty does not cover:

1. a) normal wear and tear, b) defects caused by rough handling (defects caused by sharp items, by bending, compressing or dropping, etc.), or c) defects or damage caused by misuse of the Product or contrary to the instructions;
2. user manuals or any third-party software (even if packed or sold with the Suunto hardware), settings, content or data, whether included or

downloaded in the Product, or whether included during installment, assembly, shipping or at any other time in the delivery chain or otherwise and in any way acquired by you;
3. defects or alleged defects caused by the fact that the Product was used with, or connected to, any product, accessory, software and/or service not manufactured or supplied by Suunto, or was used otherwise than for its intended use;
4. replaceable batteries.

This Limited Warranty is not enforceable if:

1. the Product has been opened, modified, or repaired by anyone other than Suunto or Service Center;
2. the Product has been repaired using unauthorized spare parts;
3. the Product's serial number has been removed, erased, defaced, altered, or made illegible in any way - and this shall be determined at the sole discretion of Suunto;
4. the Product has been exposed to influence from chemical products including (but not limited to) mosquito repellents.

Suunto does not warrant that the operation of the Product will be uninterrupted or error free, or that the Product will work in combination with any hardware or software provided by a third party.

Access to Suunto warranty service

Please remember to register your Product at www.suunto.com/customer service. Save also the purchase receipt and/or registration card. These documents can be required for the access to Suunto warranty service.

Please access and review the online help resources available at www.suunto.com or referred to in the Product manual before seeking warranty service.

If a claim under this Limited Warranty appears to be necessary, please return your wristop computer either through Suunto Service Request available at www.suunto.com or contact your local authorized Suunto retailer. For all other Products covered by this Limited Warranty, contact your local authorized Suunto retailer – for contact information please visit the Suunto website www.suunto.com or call the Suunto Help Desk +358 2 284 1160 (national or premium rates may apply) for further details and instructions how to bring your Product for Warranty Service. Please, use prepaid fright, when shipping your Product to your local authorized Suunto retailer.

Other important notices

Please remember to take backup copies of all important content and data stored in your Product because content and data may be lost during repair or replacement of the Product. Suunto or a Service Center is not responsible for any damage or loss of any kind whatsoever resulting from loss of, damage to, or corruption of content or data during repair or replacement of the Product.

When the Product or a part is replaced, any replaced item becomes the property of Suunto. If a refund is given, the Product for which the refund is given must be returned to a Service Center as it becomes the property of Suunto and/or Service Center.

Limitation of Liability

To the maximum extent permitted by applicable mandatory laws, this limited warranty is your sole and exclusive remedy and is in lieu of all other warranties,

expressed or implied. Suunto shall not be liable for special, incidental, punitive, or consequential damages, including but not limited to loss of anticipated benefits or profits, loss of savings or revenue, loss of data, punitive damages, loss of use of the Product or any associated equipment, cost of capital, cost of any substitute equipment or facilities, downtime, the claims of any third parties, including customers, and damage to property, resulting from the purchase or use of the Product or arising from breach of the warranty, breach of contract, negligence, strict tort, or any other legal or equitable theory, even if Suunto knew of the likelihood of such damages. Suunto shall not be liable for delay in rendering service under the limited warranty, or loss of use during the time the Product is being repaired.

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